AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 3, line 22, as follows:

There is a need for a method and a device for providing timing information for a received

transmit signal which allow ~~to derive~~ derivation of the timing information in an efficient and

flexible manner.

Please amend the heading at page 3, line 28, as follows:

SUMMARY ~~OF THE INVENTION~~

Please amend the paragraph beginning at page 3, line 30, as follows:

The ~~present invention satisfies this~~ need is met using ~~by proposing~~ a method of providing

time information for a received transmit signal.~~,~~ ~~t~~The method ~~comprising~~ comprises: providing

on a receiving side a training signal relating to a known signal portion of the transmit signal,

scaling the training signal, quantizing the scaled training signal, correlating one or more parts of

the received transmit signal with the scaled training signal to obtain one or more correlation

results, and determining the timing information on the basis of the correlation results. Preferably,

the provided timing information is an optimum timing instant for synchronization purposes. The

timing instant can be optimum e.g. with respect to minimizing the interference power.

Please amend the paragraph beginning at page 5, line 16, as follows: *BB 9-24-07*

According to a further non-limiting example embodiment ~~of the invention~~, which is

independent from the scaling approach outlined above, a false alarm detection is implemented.

The false alarm detection can be configured to be a by-product of the determination of the timing

information. Preferably, the false alarm detection is performed based on the maximum signal

power which is an intermediate result obtained during timing synchronization.

Please amend the paragraph beginning at page 5, line 35, as follows: *BB 9-24-07*

The ~~invention~~ technology may be implemented as a computer program product with program code portions for performing the method or as a hardware solution. In the case of a computer program product implementation the computer program product is preferably stored on a computer-readable recording medium.

Please delete the paragraph starting at page 6, line 7.

Please amend the heading at page 6, line ~~20~~ 23:

DETAILED DESCRIPTION ~~OF A PREFERRED EMBODIMENT~~

Please amend the paragraph beginning at page 6, line ~~22~~ 25, as follows:

~~In the~~ The following~~,~~ description ~~the invention~~ is exemplarily described with reference to a wireless communication system in the form of a HIgh PErformance Radio Local Area Network type 2 (Hiperlan/2). The physical layer of Hiperlan/2 is based on OFDM with a guard interval in the form a cyclic prefix. It may be well understood, however, that the ~~invention~~ technology described also applies to other OFDM transmission systems with dedicated signal portions exploitable for timing purposes as well as to non-OFDM transmission systems having equivalent features. Above all, the ~~invention~~ technology described is applicable to other Wireless Local Area Network (WLAN) systems such as standardized by IEEE (U.S.A.) or MMAC (Japan).

Please amend the paragraph beginning at page 7, line ~~17~~ 20, as follows:

In the following, an example embodiment ~~of the method according to the invention of~~ providing timing information for a received transmit signal will be discussed in more detail for the Hiperlan/2 system outlined above.

Please amend the paragraph beginning at page 8, line ~~2~~ 5, as follows:

Now, an example embodiment of a receiver ~~according to the invention~~ is described with reference to Fig. 4.